

Release notes for ENDF/B Development n-030\_Zn\_066  
evaluation



April 26, 2017

- **psyche** Warnings:

1. Gamma width not in agreement with PSYCHE's expectations

*FILE 2 / SECTION 151 / ISOTOPE MASS = 66. L = 0 / AT RESONANCE ENERGY 1.42000E+04 EV. THE GAMMA WIDTH 1.77200E+00 DEVIATES TOO MUCH FROM THE AVERAGE 4.33641E-01 (0): Gamma width*

FILE 2

SECTION 151

ISOTOPE MASS = 66. L = 0

AT RESONANCE ENERGY 1.42000E+04 EV. THE GAMMA WIDTH 1.77200E+00 DEVIATES TOO MUCH FROM THE AVERAGE

2. Gamma width not in agreement with PSYCHE's expectations

*FILE 2 / SECTION 151 / ISOTOPE MASS = 66. L = 0 / AT RESONANCE ENERGY 3.10200E+04 EV. THE GAMMA WIDTH 1.33000E-01 DEVIATES TOO MUCH FROM THE AVERAGE 4.33641E-01 (0): Gamma width*

FILE 2

SECTION 151

ISOTOPE MASS = 66. L = 0

AT RESONANCE ENERGY 3.10200E+04 EV. THE GAMMA WIDTH 1.33000E-01 DEVIATES TOO MUCH FROM THE AVERAGE

3. Gamma width not in agreement with PSYCHE's expectations

*FILE 2 / SECTION 151 / ISOTOPE MASS = 66. L = 0 / AT RESONANCE ENERGY 7.92650E+04 EV. THE GAMMA WIDTH 1.31000E-01 DEVIATES TOO MUCH FROM THE AVERAGE 4.33641E-01 (0): Gamma width*

FILE 2

SECTION 151

ISOTOPE MASS = 66. L = 0

AT RESONANCE ENERGY 7.92650E+04 EV. THE GAMMA WIDTH 1.31000E-01 DEVIATES TOO MUCH FROM THE AVERAGE

4. Gamma width not in agreement with PSYCHE's expectations

*FILE 2 / SECTION 151 / ISOTOPE MASS = 66. L = 1 / AT RESONANCE ENERGY 8.67500E+04 EV. THE GAMMA WIDTH 6.83000E-01 DEVIATES TOO MUCH FROM THE AVERAGE 2.06844E-01 (0): Gamma width*

FILE 2

SECTION 151

ISOTOPE MASS = 66. L = 1

AT RESONANCE ENERGY 8.67500E+04 EV. THE GAMMA WIDTH 6.83000E-01 DEVIATES TOO MUCH FROM THE AVERAGE

5. Gamma width not in agreement with PSYCHE's expectations

*FILE 2 / SECTION 151 / ISOTOPE MASS = 66. L = 1 / AT RESONANCE ENERGY 1.20120E+05 EV. THE GAMMA WIDTH 8.96000E-01 DEVIATES TOO MUCH FROM THE AVERAGE 2.06844E-01 (0): Gamma width*

FILE 2

SECTION 151

ISOTOPE MASS = 66. L = 1

AT RESONANCE ENERGY 1.20120E+05 EV. THE GAMMA WIDTH 8.96000E-01 DEVIATES TOO MUCH FROM THE AVERAGE

- **recent** Warnings:

1. Statistical weight of certain L values were incorrect  
*0: RRR goof (a)*

```
Calculate Cross Sections from Resonance Parameters (RECENT 2015-1)
=====
Retrieval Criteria----- MAT
File 2 Minimum Cross Section- 1.0000E-10 (Standard Option)
Reactions with No Background- Output (Resonance Contribution)
... [732 more lines]
```

- **groupie** Errors:

1. Very small elastic cross section found  
*0: Small elastic*

```
Multi-Group and Multi-Band Parameters from ENDF/B Data (GROUPIE 2015-2)
-----
ENDF/B Input and Output Data Filenames
ENDFB.IN
ENDFB.OUT
... [97 more lines]
```

- **fudge-4.0** Warnings:

1. Missing a channel with a particular angular momenta combination  
*resonances / resolved (Error # 1): missingResonanceChannel*

```
WARNING: Missing a channel with angular momenta combination L = 0, J = 1.5 and S = 1.5 for "capture"
WARNING: Missing a channel with angular momenta combination L = 1, J = 0.5 and S = 1.5 for "capture"
WARNING: Missing a channel with angular momenta combination L = 1, J = 1.5 and S = 1.5 for "capture"
WARNING: Missing a channel with angular momenta combination L = 1, J = 2.5 and S = 1.5 for "capture"
... plus 5 more instances of this message
```

2. Cross section does not match sum of linked reaction cross sections  
*crossSectionSum label 0: total (Error # 0): CS Sum.*

```
WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.10%
```

- **fudge-4.0** Errors:

1. The spin statistical weights are off, indicating missing channels  
*resonances / resolved / MultiLevel\_BreitWigner (Error # 0): badSpinStatisticalWeights*

```
WARNING: The spin statical weights for L=2 sums to 2.0, but should sum to 5.0. You have too few channels for re
```

2. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c -> Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*

```
WARNING: Domain doesn't match the cross section domain: (3261950.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
```

3. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c -> Zn66 + gamma) / Product: Zn66\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3261950.0 -> 20000000.0) vs (105000.0 -> 20000000.0)  
WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)  
WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)  
WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)  
... plus 28 more instances of this message

4. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product:  
gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

5. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product:  
gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

6. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product:  
gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

7. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product:  
gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3261950.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

8. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product:  
gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (2870440.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

9. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product:  
gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (2408830.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

10. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product:  
gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

11. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product:  
gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

12. Energy range of data set does not match cross section range  
 $n + (\text{Zn}66_c \rightarrow \text{Zn}66 + \text{gamma})$  / Product:  $\text{Zn}66_c$  / Decay product:  
 $\text{gamma\_j}$  / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
13. Energy range of data set does not match cross section range  
 $n + (\text{Zn}66_c \rightarrow \text{Zn}66 + \text{gamma})$  / Product:  $\text{Zn}66_c$  / Decay product:  
 $\text{gamma\_k}$  / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
14. Energy range of data set does not match cross section range  
 $n + (\text{Zn}66_c \rightarrow \text{Zn}66 + \text{gamma})$  / Product:  $\text{Zn}66_c$  / Decay product:  
 $\text{gamma\_l}$  / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (1200000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
15. Energy range of data set does not match cross section range  
 $n + (\text{Zn}66_c \rightarrow \text{Zn}66 + \text{gamma})$  / Product:  $\text{Zn}66_c$  / Decay product:  
 $\text{gamma\_m}$  / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (3261950.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
16. Energy range of data set does not match cross section range  
 $n + (\text{Zn}66_c \rightarrow \text{Zn}66 + \text{gamma})$  / Product:  $\text{Zn}66_c$  / Decay product:  
 $\text{gamma\_n}$  / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (3261950.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
17. Energy range of data set does not match cross section range  
 $n + (\text{Zn}66_c \rightarrow \text{Zn}66 + \text{gamma})$  / Product:  $\text{Zn}66_c$  / Decay product:  
 $\text{gamma\_o}$  / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (2745170.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
18. Energy range of data set does not match cross section range  
 $n + (\text{Zn}66_c \rightarrow \text{Zn}66 + \text{gamma})$  / Product:  $\text{Zn}66_c$  / Decay product:  
 $\text{gamma\_p}$  / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
19. Energy range of data set does not match cross section range  
 $n + (\text{Zn}66_c \rightarrow \text{Zn}66 + \text{gamma})$  / Product:  $\text{Zn}66_c$  / Decay product:  
 $\text{gamma\_q}$  / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (2745170.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
20. Energy range of data set does not match cross section range  
 $n + (\text{Zn}66_c \rightarrow \text{Zn}66 + \text{gamma})$  / Product:  $\text{Zn}66_c$  / Decay product:  
 $\text{gamma\_r}$  / Multiplicity: (Error # 0): Domain mismatch (a)
- WARNING: Domain doesn't match the cross section domain: (2870440.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

21. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
22. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
23. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
24. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3125020.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
25. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (3261950.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
26. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
27. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
28. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)
29. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c ->Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (2983410.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

30. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c -> Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3125020.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

31. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c -> Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (3261950.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

32. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c -> Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

33. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c -> Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

34. Energy range of data set does not match cross section range  
*reaction label 18: n + (Zn66\_c -> Zn66 + gamma) / Product: Zn66\_c / Decay product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (4000000.0 -> 20000000.0) vs (105000.0 -> 20000000.0)

35. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

36. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

37. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

38. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

39. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

40. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

41. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

42. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

43. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

44. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

45. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

46. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

47. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

48. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

49. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

50. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

51. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

52. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

53. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

54. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

55. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

56. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

57. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

58. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

59. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

60. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

61. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

62. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

63. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

64. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

65. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

66. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

67. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

68. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

69. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

70. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

71. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

72. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

73. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

74. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

75. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

76. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

77. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

78. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

79. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

80. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

81. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

82. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

83. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

84. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

85. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

86. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

87. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

88. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

89. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

90. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

91. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

92. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

93. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

94. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

95. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

96. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

97. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

98. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

99. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

100. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

101. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*

WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

102. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
103. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
104. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
105. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
106. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
107. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
108. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
109. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
110. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

111. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_am / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
112. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
113. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_an / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
114. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
115. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
116. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
117. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
118. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
119. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

120. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
121. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
122. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
123. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
124. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
125. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
126. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
127. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
128. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

129. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
130. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
131. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
132. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
133. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ax / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
134. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ax / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
135. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ay / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
136. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
137. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

138. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
139. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
140. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
141. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_bb / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
142. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_bb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
143. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_bc / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
144. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_bc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
145. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_bd / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
146. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_bd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)

147. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_be / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
148. Energy range of data set does not match cross section range  
*reaction label 19: n[multiplicity:'2'] + Zn65 + gamma / Product: gamma\_be / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (11228400.0 -> 20000000.0)
149. Calculated and tabulated Q values disagree.  
*reaction label 21: n + H1 + Cu65 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -9432732.329299927 eV vs -8924740. eV!
150. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
151. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
152. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
153. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
154. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
155. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

156. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
157. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
158. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
159. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
160. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
161. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
162. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
163. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
164. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

165. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
166. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
167. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
168. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
169. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
170. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
171. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
172. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
173. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

174. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
175. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
176. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
177. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
178. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
179. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
180. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
181. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
182. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

183. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
184. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
185. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
186. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
187. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
188. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
189. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
190. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
191. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

192. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
193. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
194. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
195. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
196. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
197. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
198. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
199. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
200. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

201. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
202. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
203. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
204. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
205. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
206. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
207. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
208. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
209. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

210. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
211. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
212. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
213. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
214. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
215. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
216. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
217. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
218. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

219. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
220. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
221. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
222. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
223. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
224. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
225. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
226. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_am / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
227. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

228. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_an / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
229. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
230. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
231. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
232. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
233. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
234. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
235. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
236. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

237. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
238. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
239. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
240. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
241. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
242. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
243. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
244. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
245. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

246. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
247. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
248. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ax / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
249. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ax / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
250. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ay / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
251. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
252. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
253. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
254. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

255. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
256. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bb / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
257. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
258. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bc / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
259. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
260. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bd / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
261. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
262. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_be / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
263. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_be / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

264. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bf / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
265. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
266. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bg / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
267. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
268. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bh / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
269. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bh / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
270. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bi / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
271. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bi / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
272. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

273. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
274. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bk / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
275. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bk / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
276. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bl / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
277. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bl / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
278. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bm / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
279. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bm / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
280. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bn / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
281. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bn / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

282. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bo / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
283. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bo / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
284. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bp / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
285. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bp / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
286. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
287. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
288. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_br / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
289. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_br / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
290. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bs / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

291. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bs / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
292. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bt / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
293. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bt / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
294. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bu / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
295. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bu / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
296. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bv / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
297. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bv / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
298. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
299. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)

300. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bx / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
301. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bx / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
302. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_by / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
303. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_by / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
304. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bz / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
305. Energy range of data set does not match cross section range  
*reaction label 21: n + H1 + Cu65 + gamma / Product: gamma\_bz / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (14000000.0 -> 20000000.0) vs (9061290.0 -> 20000000.0)
306. Calculated and tabulated Q values disagree.  
*reaction label 22: n + H2 + Cu64 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -17119517.9262085 eV vs -1.66109e7 eV!
307. Calculated and tabulated Q values disagree.  
*reaction label 24: n + He4 + Ni62 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -5598459.090263367 eV vs -4578250. eV!
308. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
309. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*

- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
310. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
311. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
312. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
313. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
314. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_d / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
315. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_d / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
316. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_e / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
317. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_e / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
318. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_f / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

319. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_f / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
320. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_g / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
321. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_g / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
322. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_h / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
323. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_h / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
324. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_i / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
325. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_i / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
326. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_j / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
327. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_j / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

328. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_k / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
329. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_k / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
330. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_l / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
331. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_l / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
332. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_m / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
333. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_m / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
334. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_n / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
335. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_n / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
336. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_o / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

337. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_o / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
338. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_p / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
339. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_p / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
340. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_q / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
341. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_q / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
342. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_r / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
343. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_r / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
344. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_s / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
345. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_s / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (8000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

346. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_t / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
347. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_t / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
348. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_u / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
349. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_u / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
350. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_v / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
351. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_v / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
352. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_w / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
353. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_w / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
354. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_x / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

355. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_x / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
356. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_y / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
357. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_y / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
358. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_z / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
359. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_z / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
360. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_aa / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
361. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_aa / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
362. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ab / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
363. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ab / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

364. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ac / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
365. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ac / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
366. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ad / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
367. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ad / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
368. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ae / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
369. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ae / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
370. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_af / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
371. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_af / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
372. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ag / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

373. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ag / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
374. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ah / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
375. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ah / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
376. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ai / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
377. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ai / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
378. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_aj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
379. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_aj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
380. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ak / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
381. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ak / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

382. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_al / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
383. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_al / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
384. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_am / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
385. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_am / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
386. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_an / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
387. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_an / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
388. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ao / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
389. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ao / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
390. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ap / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

391. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ap / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
392. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_aq / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
393. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_aq / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
394. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ar / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
395. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ar / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
396. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_as / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
397. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_as / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
398. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_at / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
399. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_at / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

400. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_au / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
401. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_au / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
402. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_av / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
403. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_av / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
404. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_aw / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
405. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_aw / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
406. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ax / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
407. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ax / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
408. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ay / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

409. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ay / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
410. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_az / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
411. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_az / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (10000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
412. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ba / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
413. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_ba / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
414. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bb / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
415. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bb / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
416. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bc / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
417. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bc / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

418. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bd / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
419. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bd / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
420. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_be / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
421. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_be / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
422. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bf / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
423. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bf / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
424. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bg / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
425. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bg / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
426. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bh / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)

427. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bh / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
428. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bi / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
429. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bi / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
430. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bj / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
431. Energy range of data set does not match cross section range  
*reaction label 24: n + He4 + Ni62 + gamma / Product: gamma\_bj / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (12000000.0 -> 20000000.0) vs (4648290.0 -> 20000000.0)
432. Calculated and tabulated Q values disagree.  
*reaction label 25: n[multiplicity:'2'] + He4 + Ni61 + gamma (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -16194980.49859619 eV vs -1.51748e7 eV!
433. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + He4 + Ni61 + gamma / Product: gamma\_a / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15406900.0 -> 20000000.0)
434. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + He4 + Ni61 + gamma / Product: gamma\_a / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15406900.0 -> 20000000.0)
435. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + He4 + Ni61 + gamma / Product: gamma\_b / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15406900.0 -> 20000000.0)

436. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + He4 + Ni61 + gamma / Product: gamma\_b / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15406900.0 -> 20000000.0)
437. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + He4 + Ni61 + gamma / Product: gamma\_c / Multiplicity: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15406900.0 -> 20000000.0)
438. Energy range of data set does not match cross section range  
*reaction label 25: n[multiplicity:'2'] + He4 + Ni61 + gamma / Product: gamma\_c / Distribution: / uncorrelated - angular - isotropic: (Error # 0): Domain mismatch (a)*
- WARNING: Domain doesn't match the cross section domain: (18000000.0 -> 20000000.0) vs (15406900.0 -> 20000000.0)
439. Calculated and tabulated Q values disagree.  
*reaction label 26: He4[multiplicity:'2'] + Fe59 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -7057928.292480469 eV vs -5014830. eV!
440. Calculated and tabulated Q values disagree.  
*reaction label 27: H1[multiplicity:'2'] + Ni65 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -11298669.82702637 eV vs -1.028e7 eV!
441. Calculated and tabulated Q values disagree.  
*reaction label 28: H1 + He4 + Co62 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -10641377.19797516 eV vs -9110490. eV!
442. Calculated and tabulated Q values disagree.  
*reaction label 29: H1 + H2 + Ni64 (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -15172810.23536682 eV vs -1.41535e7 eV!
443. Calculated and tabulated Q values disagree.  
*reaction label 30: H1 + Cu66\_s (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -2366802.506576538 eV vs -1858810. eV!
444. Calculated and tabulated Q values disagree.  
*reaction label 31: H2 + Cu65\_s (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: -7208781.065155029 eV vs -6700170. eV!
445. Calculated and tabulated Q values disagree.  
*reaction label 34: He4 + Ni63\_s (Error # 0): Q mismatch*
- WARNING: Calculated and tabulated Q-values disagree: 1239318.964027405 eV vs 2259530. eV!
446. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 20: n + (Zn66\_c -> Zn66 + gamma) total gamma multiplicity (Error # 0): summedMultiplicityMismatch*

- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 0.48%
447. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 21: n[multiplicity:'2'] + Zn65 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 100.00%
448. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 22: n + H1 + Cu65 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 93.69%
449. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 23: n + H2 + Cu64 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 100.00%
450. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 25: n + He4 + Ni62 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 19.01%
451. Multiplicity does not match sum of linked product multiplicities!  
*multiplicitySum label 26: n[multiplicity:'2'] + He4 + Ni61 + gamma total gamma multiplicity (Error # 0): summedMultiplicityMismatch*
- WARNING: Multiplicity does not match sum of linked product multiplicities! Max diff: 100.00%
- njoy2012 Warnings:
    1. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (0): HEATR/hinit (4)*

---message from hinit---mf6, mt 16 does not give recoil za= 30065  
 one-particle recoil approx. used.
    2. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (1): HEATR/hinit (4)*

---message from hinit---mf6, mt 17 does not give recoil za= 30064  
 one-particle recoil approx. used.
    3. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (2): HEATR/hinit (4)*

---message from hinit---mf6, mt 22 does not give recoil za= 28062  
 one-particle recoil approx. used.
    4. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (3): HEATR/hinit (4)*

---message from hinit---mf6, mt 24 does not give recoil za= 28061  
one-particle recoil approx. used.

5. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (4): HEATR/hinit (4)*

---message from hinit---mf6, mt 28 does not give recoil za= 29065  
one-particle recoil approx. used.

6. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (5): HEATR/hinit (4)*

---message from hinit---mf6, mt 32 does not give recoil za= 29064  
one-particle recoil approx. used.

7. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (6): HEATR/hinit (4)*

---message from hinit---mf6, mt 51 does not give recoil za= 30066  
one-particle recoil approx. used.

8. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (7): HEATR/hinit (4)*

---message from hinit---mf6, mt 52 does not give recoil za= 30066  
one-particle recoil approx. used.

9. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (8): HEATR/hinit (4)*

---message from hinit---mf6, mt 53 does not give recoil za= 30066  
one-particle recoil approx. used.

10. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (9): HEATR/hinit (4)*

---message from hinit---mf6, mt 54 does not give recoil za= 30066  
one-particle recoil approx. used.

11. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (10): HEATR/hinit (4)*

---message from hinit---mf6, mt 55 does not give recoil za= 30066  
one-particle recoil approx. used.

12. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (11): HEATR/hinit (4)*

---message from hinit---mf6, mt 56 does not give recoil za= 30066  
one-particle recoil approx. used.

13. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (12): HEATR/hinit (4)*

---message from hinit---mf6, mt 57 does not give recoil za= 30066  
one-particle recoil approx. used.

14. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (13): HEATR/hinit (4)*

---message from hinit---mf6, mt 58 does not give recoil za= 30066  
one-particle recoil approx. used.

15. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (14): HEATR/hinit (4)*

---message from hinit---mf6, mt 59 does not give recoil za= 30066  
one-particle recoil approx. used.

16. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (15): HEATR/hinit (4)*

---message from hinit---mf6, mt 60 does not give recoil za= 30066  
one-particle recoil approx. used.

17. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (16): HEATR/hinit (4)*

---message from hinit---mf6, mt 61 does not give recoil za= 30066  
one-particle recoil approx. used.

18. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (17): HEATR/hinit (4)*

---message from hinit---mf6, mt 62 does not give recoil za= 30066  
one-particle recoil approx. used.

19. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (18): HEATR/hinit (4)*

---message from hinit---mf6, mt 63 does not give recoil za= 30066  
one-particle recoil approx. used.

20. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (19): HEATR/hinit (4)*

---message from hinit---mf6, mt 64 does not give recoil za= 30066  
one-particle recoil approx. used.

21. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (20): HEATR/hinit (4)*

---message from hinit---mf6, mt 65 does not give recoil za= 30066  
one-particle recoil approx. used.

22. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (21): HEATR/hinit (4)*

---message from hinit---mf6, mt 66 does not give recoil za= 30066  
one-particle recoil approx. used.

23. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (22): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 67 does not give recoil za= 30066
one-particle recoil approx. used.
```

24. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (23): HEATR/hinit (4)*

```
---message from hinit---mf6, mt 91 does not give recoil za= 30066
one-particle recoil approx. used.
```

25. Recoil is not given, so one-particle recoil approximation used.  
*heatr...prompt kerma (24): HEATR/hinit (4)*

```
---message from hinit---mf6, mt102 does not give recoil za= 30067
photon momentum recoil used.
```

26. The evaluation was missing a file 12. This may be OK. Or not.  
*acer...monte carlo neutron and photon data (0): No MF12*

```
message from gamsum---file 12 not found.
```